

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:00 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 1117 Const Calendar Day: 690

Date: 25-Apr-2014 Friday

Inspector Name: Brignano, Bob

Title: Transportation Engineer

Inspection Type:

Shift Hours:

Break:

Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather****Temperature 7 AM****12 PM****4PM****Precipitation****Condition** rain showersWorking Day ☒ If no, explain:**Diary:**

Dispute

**General Comments**

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Crews at the Pier 7 warehouse area are working an 8-hour shift 0700 through 1530 today. However, because of rain showers, work is cancelled or called short at some of the different locations on the jobsite. Some crews work a full 8-hour shift today.

Ironworker Donald Plumb works all day at the test rigs for the modification of TR's 1-4 to TR's 14-17. He is assisted for a few minutes in the morning by Laborer Foreman Ignacio (Nacho) Garcia, Laborer Carlos (Pedro) Garcia, Ironworker Jared Garrett, and Ironworker Kyle Crowley to move a previously fabricated tent frame over TR 4 (convert to TR 17) and adding the tarps to create an enclosure for welding the doubler plates in the rain showers. Note that at the end of the day, Ironworker Don Plumb removes the tarps so that the tent will not catch wind over the weekend and potentially blow into the adjacent parking lot.

ABF continues work modifying TR's 1-4 to TR's 14-17 with Ironworker Don Plumb. He works at the south location at TR 4 (convert to TR 17) where he grinds the previously rough cut new handhole and welds the new doubler plate. By the end of the shift, the welding is complete and the grinding is partially complete at the TR 4 (convert to TR 17) south location. Because of the cold weather and the moisture, it takes a long time with the weed burner (oxyacetylene torch) to preheat the steel for welding.

Some previously ordered materials for TR's 14-17 arrive on site today. A pallet from Bay Bolt arrives with all of the 1-1/4" diameter bolts, nuts, and washers for attaching the end plates to the test rigs. That shipment from Bay Bolt also includes the 1/4" hardware for attaching the flashing that seals the wet chamber from the dry chamber at the diaphragm plate. Also arriving today are the plate washers with holes for clamping the flange of the flashing to the diaphragm plate. Also arriving today are hose clamps, both the large diameter hose clamps for the flashing to rod connection and the smaller diameter hose clamps for the NaCl Solution hose runs from the 300 gallon tanks to the wet chambers.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is on idle/standby at the test rig work area. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is used at the test rig work area. A compressor – IR P185 ABF ID 000002 is used at the test rig work area. A welding machine – Lincoln Vantage 500 ABF ID 000074 is used at the test rig work. A Kubota Cart is used by the ironworker working on the modifications to the test rigs.



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**Date:** 25-Apr-2014

**Friday**

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Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 4 pieces

20' rented k-rail = 10 pieces

20' ABF k-rail = 11 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer. Seven of the ABF 20' k-rail are in TR's 1-4.

The agreed extra work with ABF is as follows:

Engineer Kelvin Chen - 3 hrs

Ironworker Donald Plumb - 8 hrs

185 CFM Compressor - 8 hr

Vantage 500 Welder - 8 hrs

Kubota Cart - 8 hrs

k-rail: 6 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work